

Remarks

Claim 1 has been amended to more clearly define the invention. Basis for the amendment can be found in claims 1 and 4 as originally filed and in the description on page 8 lines 5-7 and page 10 line 30 to page 11 line 5. Claims 2 and 6 have been amended to correct their dependencies.

Claims 1-3 and 5-13 are pending in this application. Claims 14 - 23 are also still pending, but withdrawn.

In section 2 of the office action the Examiner objects to claims 6 and 7 because of informalities. The dependencies have been corrected.

In section 3 of the office action the Examiner rejects claim 1 under 35 U.S.C. §112 second paragraph as being indefinite. The amendments to claim 1 address this issue.

In section 4 of the office action the Examiner rejects claim 1 under 35 U.S.C. §102(b) as being anticipated by Chu et al (US 5,890,055). Reconsideration is requested.

Chu describes "a wireless communications system" which "includes a number of clusters of repeaters" (Chu, abstract). The system of Chu is clearly shown in Chu, Figure 1 and includes a distribution network from the base station to repeaters via the hubs which uses a millimeter wave frequency signal (Chu, column 3 lines 28-30). In the system of Chu the wireless connections to the subscriber equipment (items 10-14, 50 and 51) are provided using a PCS carrier frequency and PCS band antennas 20-25 located on the repeaters (Chu, column 3 lines 17-23). At the repeaters (100) the signals are frequency translated between the PCS carrier frequency and the millimeter wave frequency (Chu, column 3 lines 24-29). The frequency conversion of Chu is further discussed in column 2 lines 22-45 and shown clearly in Figure 3 (frequency converters 302, 308) and the associated text in column

5 lines 35-40. The system of Chu is therefore totally distinct from the wireless communication system described in claim 1 of this application in which "a common modulated radio frequency carrier signal is used in both the distribution network and over a said wireless connection to communicate said data between a said subscriber equipment and the base station" (this application, claim 1).

Consequently the present invention as defined by the amended claim 1 discloses an invention which is clearly not anticipated by Chu, since Chu does not disclose use of a common (i.e. the same) modulated radio frequency carrier signal in both the distribution network and over the wireless connection between the distribution network and the subscriber equipment. The Applicants therefore respectfully submit that the rejection of claim 1 cannot be sustained.

In the office action the Examiner highlights Chu column 3 lines 49 to column 4 line 5. The Applicants submit that this description relates to the distribution network of Chu and does not relate to the relationship between the frequency used in the distribution network and that used on the wireless connection to the subscriber equipment, which is an important difference between the teaching of Chu and the present application.

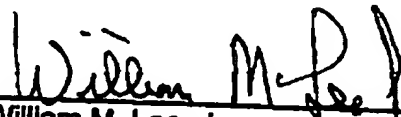
The Examiner also rejects independent claims 10 and 12 under 35 U.S.C. §102(b) as being anticipated by Chu. The above arguments in relation to claim 1 are also applicable to claims 10 and 12 and the Applicants respectfully submit that the rejection of these claims cannot also be sustained.

Detailed arguments are not presented in respect of the dependent claims however the arguments of the Examiner should not be taken to be accepted.

In view of the fact that all of the Examiner's comments have been addressed, further and favorable reconsideration is respectfully requested.

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Respectfully submitted,


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